

MAINTAINING HEADING OF A WATERCRAFT

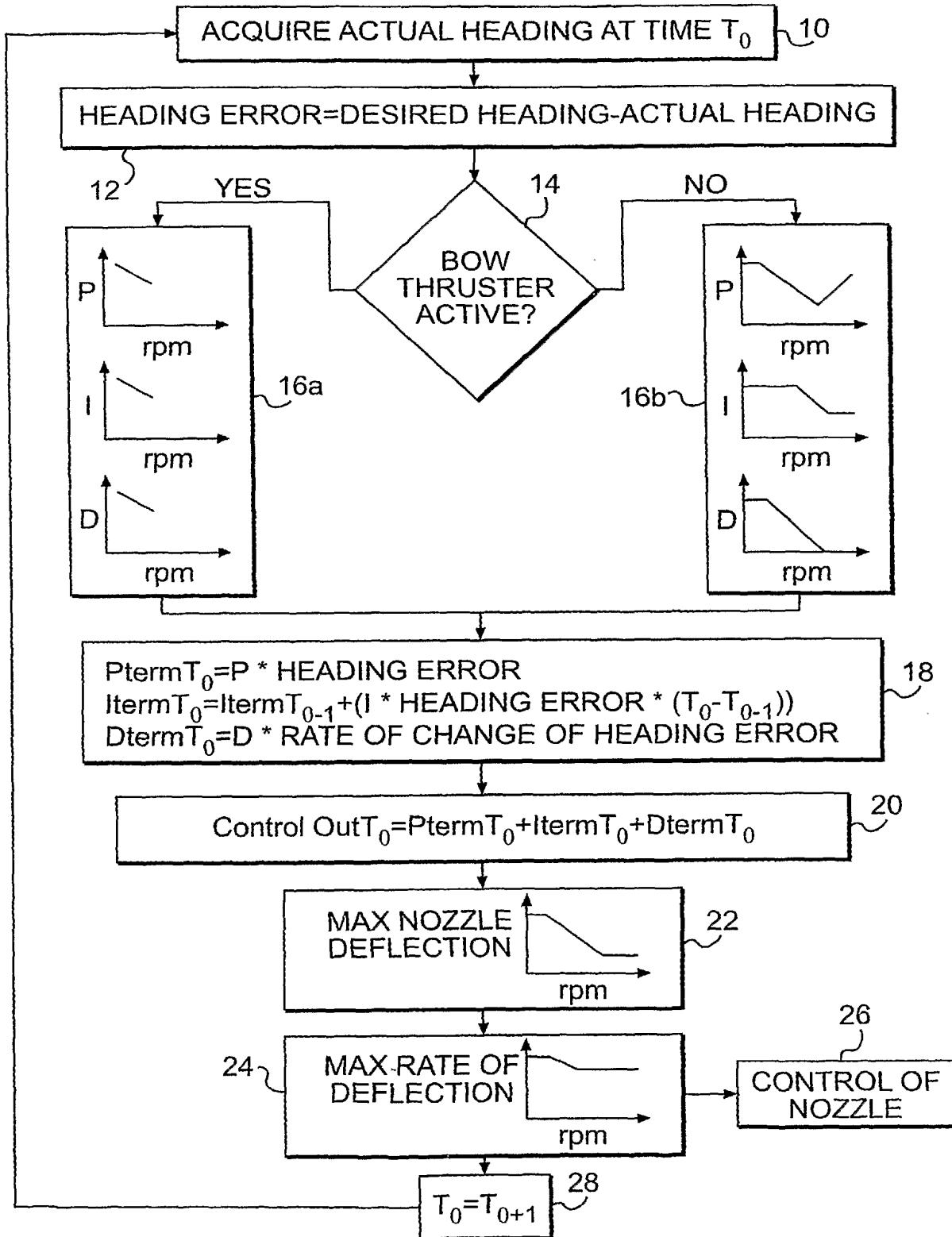
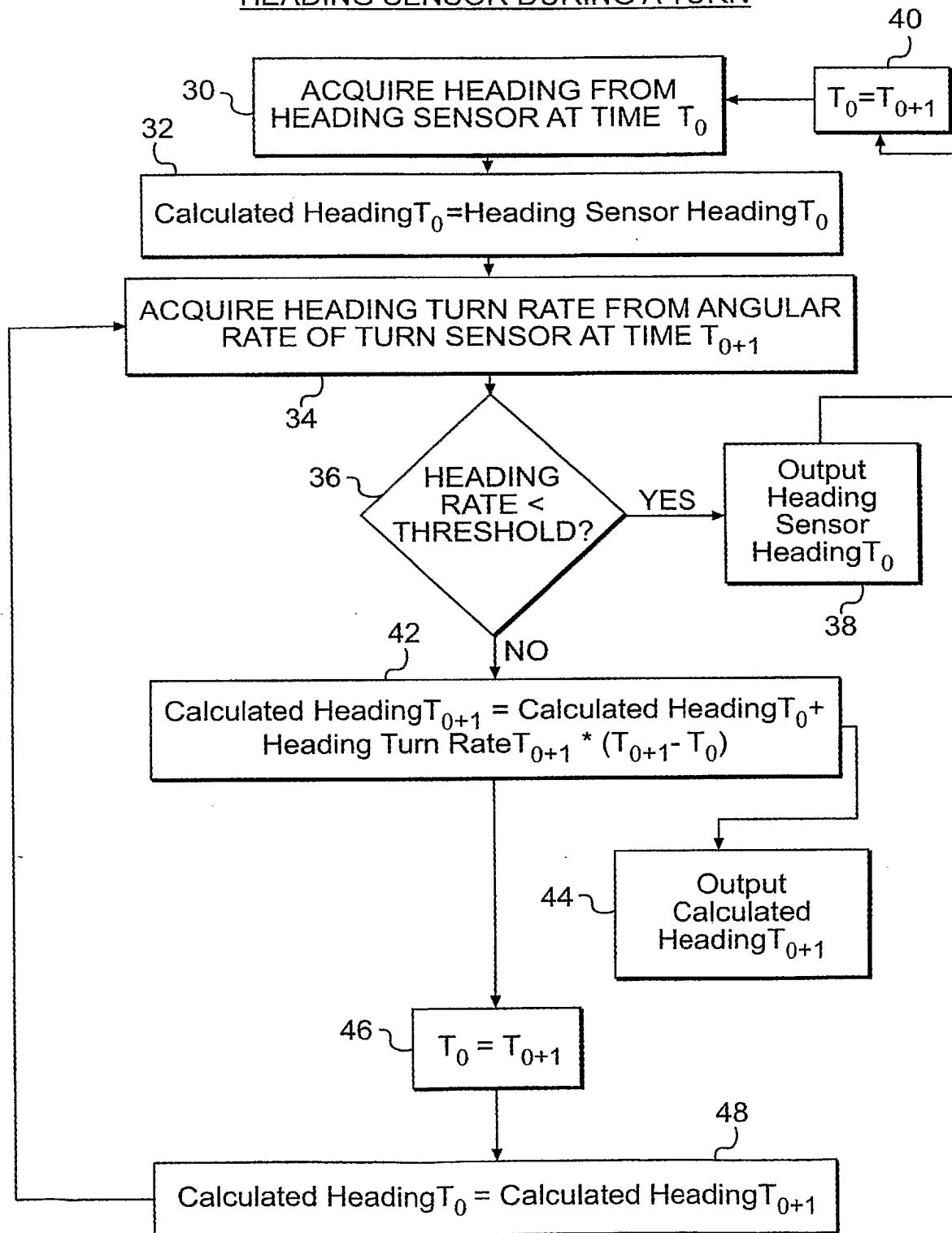
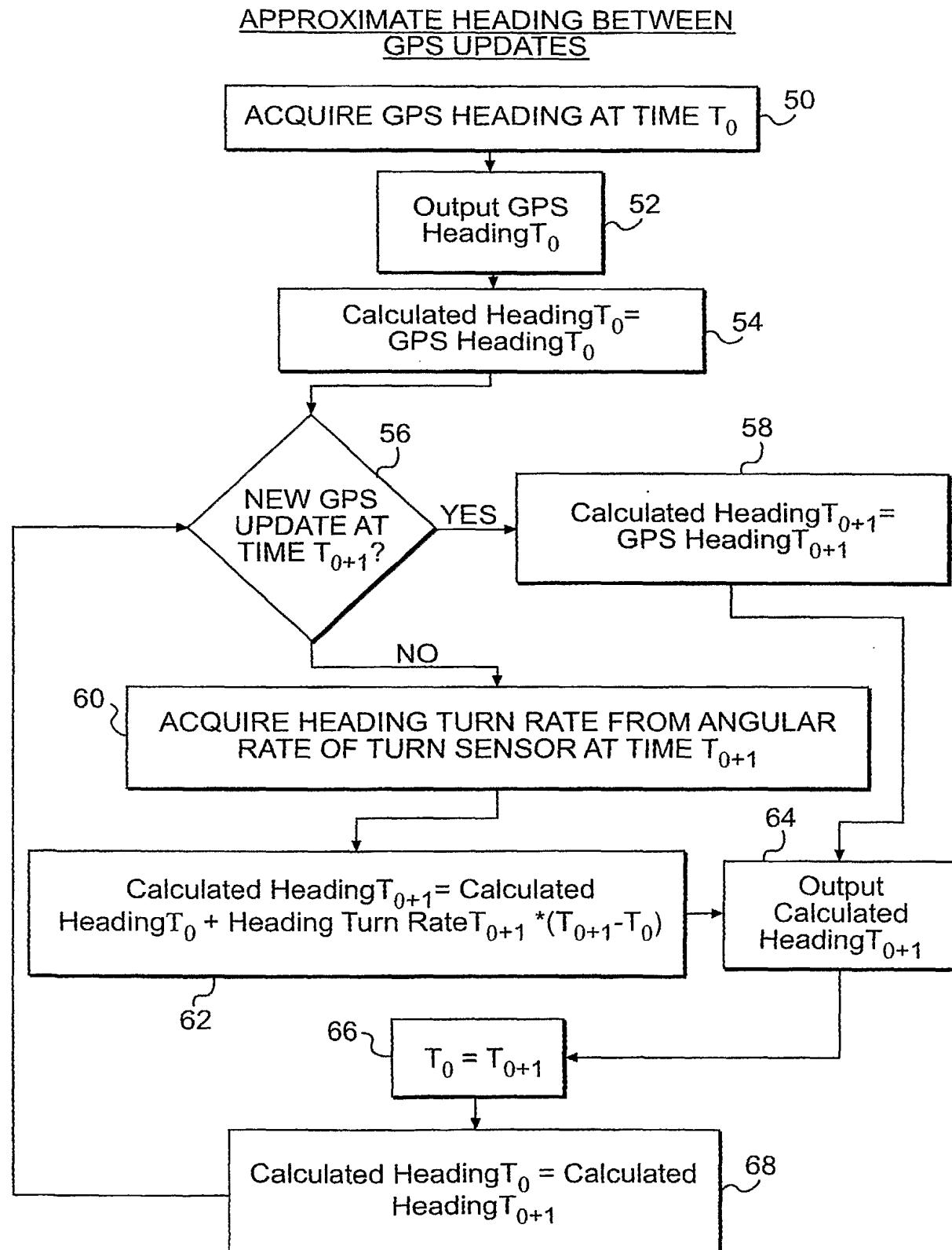
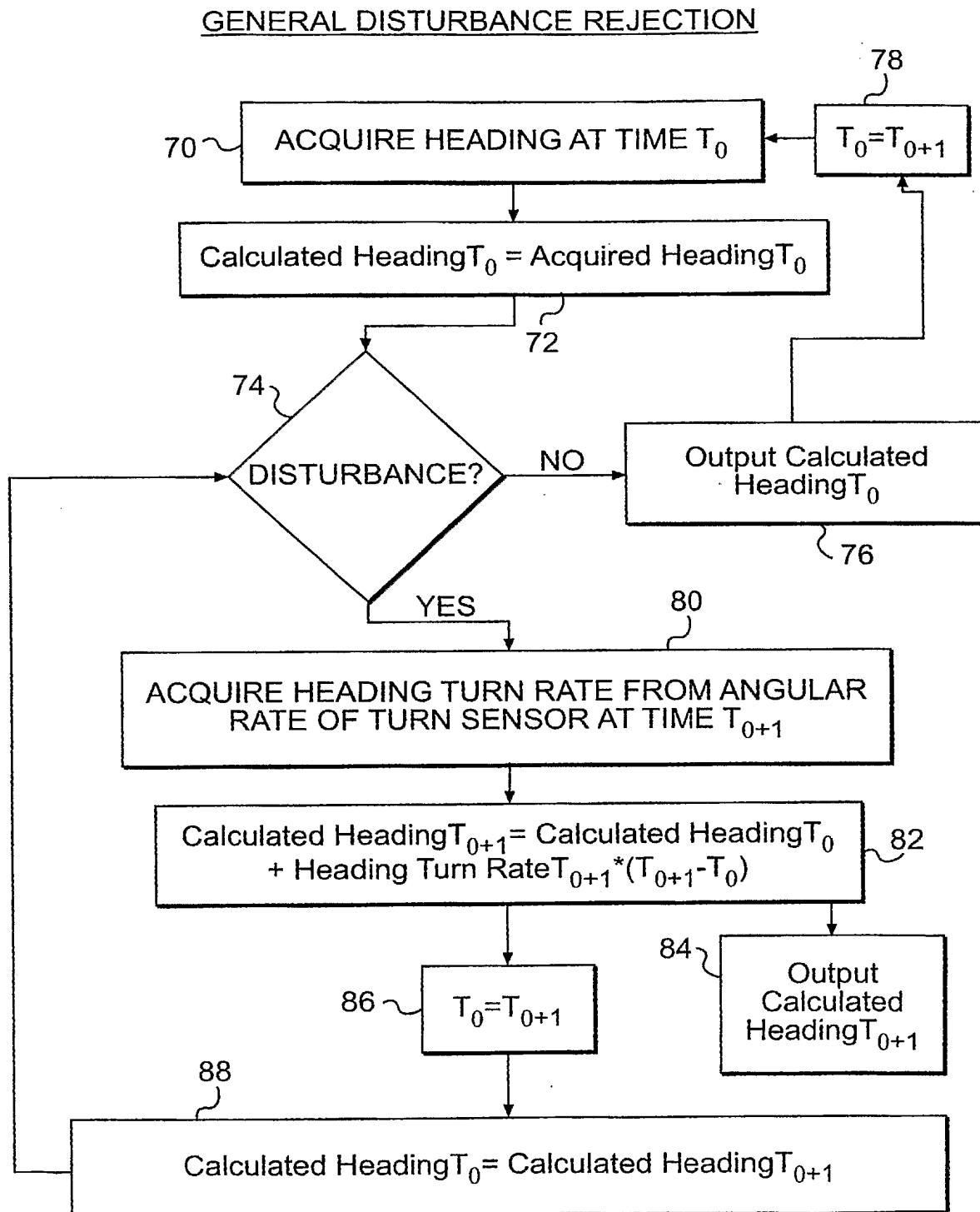


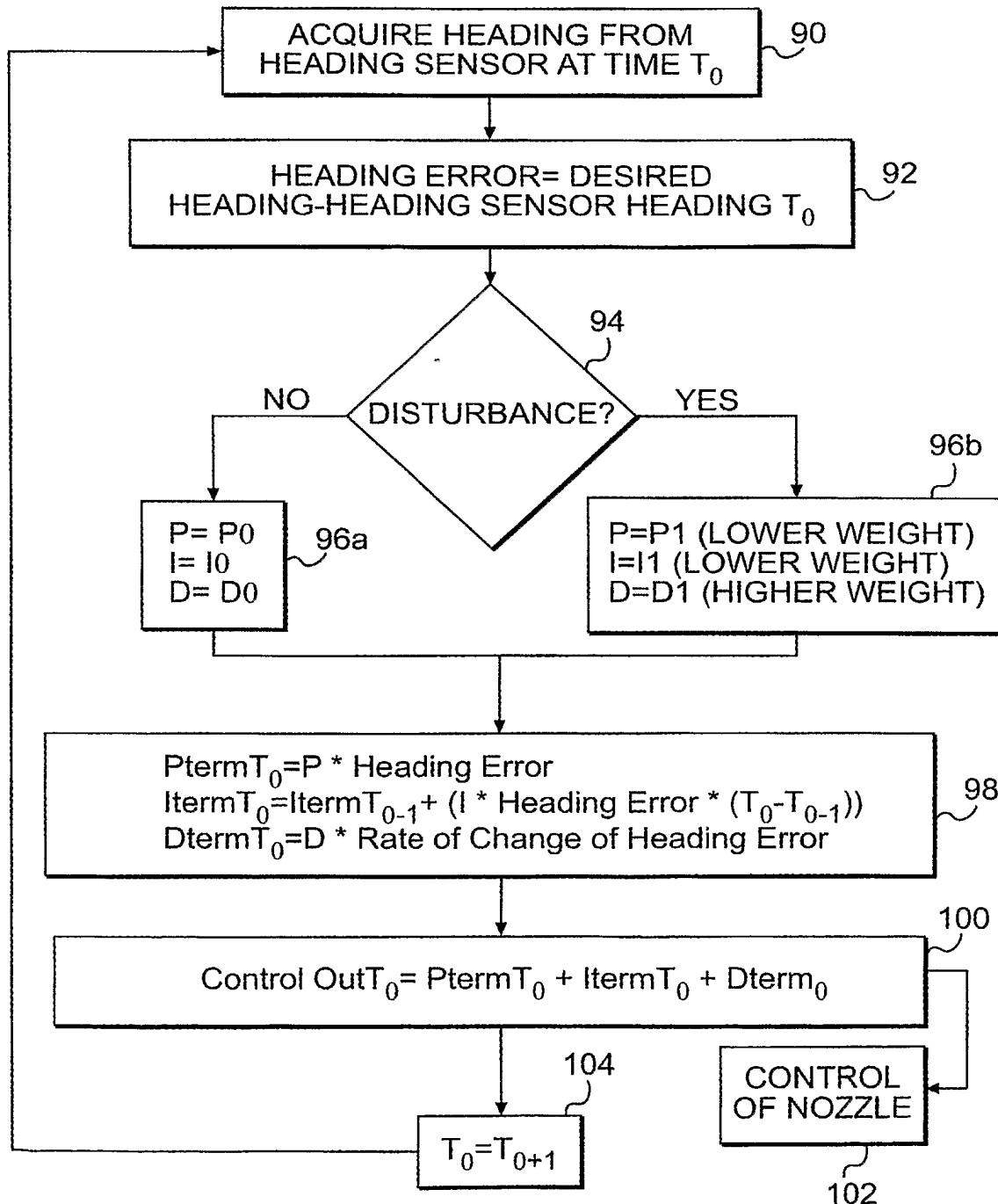
FIG. 1

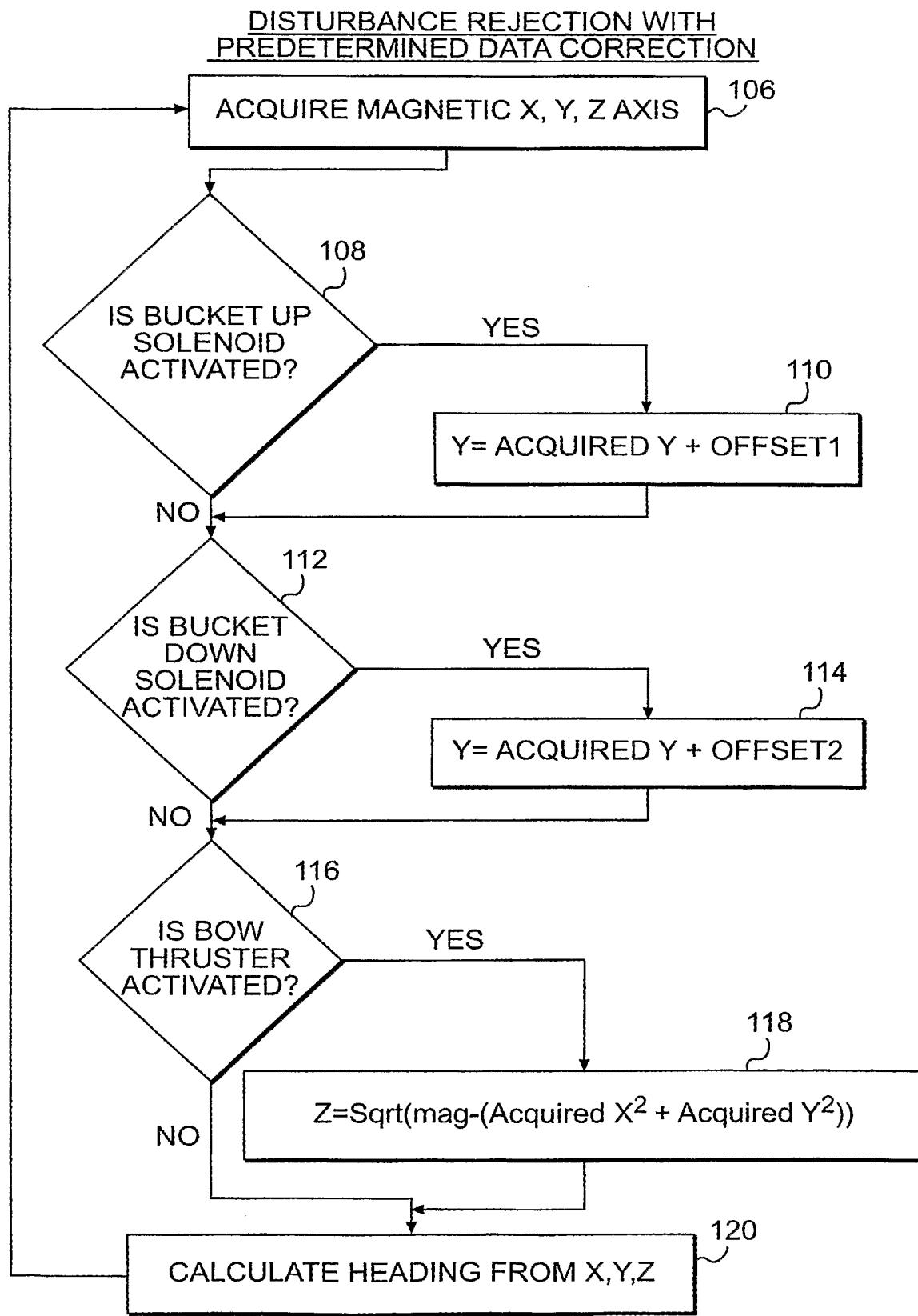
APPROXIMATE HEADING FROM A FILTERED
HEADING SENSOR DURING A TURN

**FIG. 2**

**FIG. 3**

**FIG. 4**

DISTURBANCE REJECTION**FIG. 5**

**FIG. 6**

USING RATE OF TURN TO CONTROL ROLL-OUT

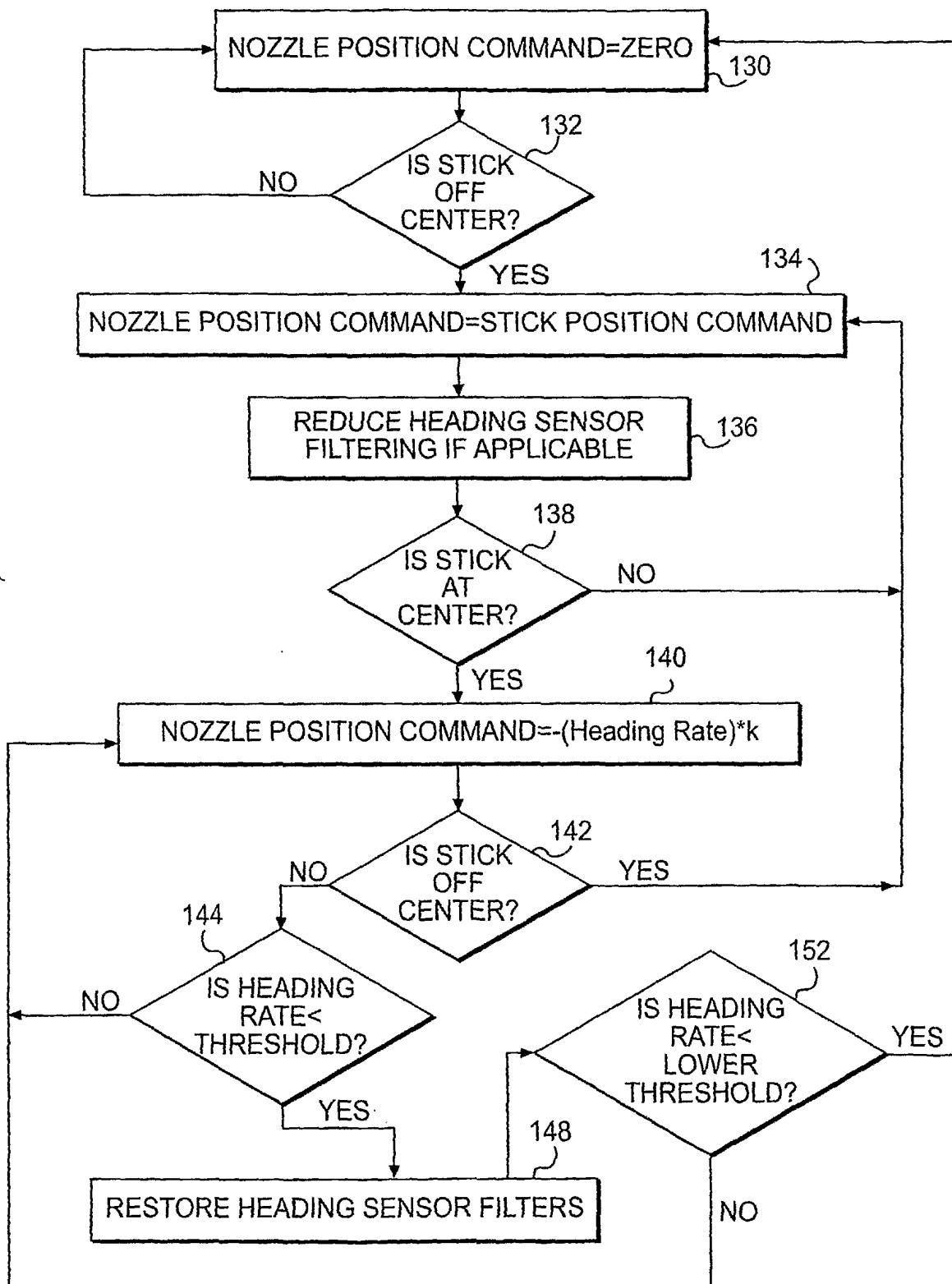


FIG. 7